



SUPER SEA ROGUE 2

SSR2-500-20-S REMOTELY OPERATED GUN AND OBSERVATION SYSTEM

SeaRogue is a product line of remotely controlled weapon systems developed for use on Naval Vessels ranging from coast guard patrol boats to Corvettes and Cruisers. Featuring calibres from 7,62mm to 30mm and technology such as automated target tracking, stabilised aiming, range finding, thermal vision and more, built into a low maintenance and low cost platform, ready for integration into modern Combat Management Systems.

ERAF

شركة إيرااف الصناعية المحدودة
ERAF Industrial Company Ltd.

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SPECIFICATIONS

FEATURES

- Remote operation by bridge personnel
- Automated optical target tracking
- Fibre optic gyro-stabilised aiming
- Night & day operation, Uncooled IR Sight
- Fire control software
- Low maintenance, ease of operation

ARMAMENT

- 20mm x 139mm Cannon
- Muzzle Velocity: 1050m/s
- Rate of Fire: ARS

GUN CONTROL

- Traverse coverage: $\pm 170^\circ$. (Option nx360 $^\circ$)
- Elevation: -20° to $+60^\circ$. (Mount dependent)
- Programmable no-go & no-fire zones
- Slew rates: up to 1 rad/s ($\approx 60^\circ$ /s)
- Low speed: < 0.5 mrad/s ($\approx 0.028^\circ$ /s)
- Manually operable

INTERFACE & POWER REQUIREMENTS

- Integration with CMS (optional)
- Video recording (optional)
- Multi-function display with software defined keys:
 - Mode selection and display
 - Burst length display
 - Armed or safe display
 - Round count display
 - Error messages
 - Gun position indicator
- Handcontroller keys:
 - System on/off switch and indicator
 - Armed/safe switch and indicator
 - Trigger
- 220V AC 50/60Hz 350VA (Preferred)
- 28V DC @ 1200W Peak, 250W Average
- Battery backup – 30 min

OBSERVATION/SIGHTING

- Day Sight : Continuous zoom (Identification 3.5km)
- Night sight : 2x FOV thermal – cooled/uncooled (Identification 1km or 3.6km)
- Laser range finder (LRF) (3.5km or 6.7km)

DIMENSIONS

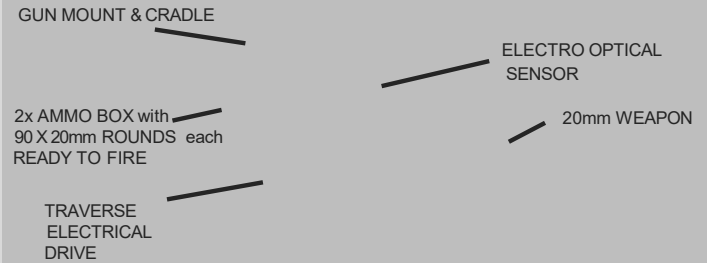
- External mount: 550kg (including 20mm weapon & ammunition)
- Display & hand controller: 15kg
- Electronic controller: 50kg
- Length : 2767mm @ horizontal elevation
- Height : 1145mm @ horizontal elevation

AMMUNITION

- 180 Rounds (20mm x 139mm)
- Dual Feed

ILLUSTRATIONS

SYSTEM DIAGRAM



SYSTEM SIZE

